

SECTION I
AMENDMENTS

IN THE CLAIMS:

Please amend claim 1 as set forth below.

Complete Listing of the Claims

Upon entry of the present amendment, the claims will stand as follows. The following listing of the claims will replace all prior versions and listings of the claims in the present application:

1. (Withdrawn; Currently amended) A method of obtaining nanoparticles for the administration of at least one active ingredient, with a diameter less than 1 μ m, comprising the steps of:

- a) preparing an aqueous solution of a hyaluronic acid salt;
- b) preparing an aqueous solution of a cationic polymer;
- c) adding a polyanionic salt to the solution of the hyaluronic acid salt;
- d) stir-mixing the solutions resulting from steps b) and c), spontaneously obtaining the nanoparticles,

wherein the active ingredient is dissolved in one of resulting solutions a), b) or c) or in the suspension of nanoparticles obtained in step d) to be absorbed in the nanoparticles.

2. (Withdrawn) The method according to claim 1, wherein the hyaluronic acid salt solution is prepared at a concentration of between 0.50 and 5 mg/mL.

3. (Withdrawn) The method according to claim 1, wherein the cationic polymer solution is prepared at a concentration of between 0.5 and 5 mg/mL.

4. (Withdrawn) The method according to claim 1, wherein the anionic salt is added at a concentration of between 0.25 and 1.00 mg/mL.

5. (Withdrawn) The method according to claim 1, wherein the active ingredient comprises a macromolecule.

6. (Withdrawn) The method according to claim 5, wherein, if the macromolecule has a lyophilic nature, said macromolecule is dissolved, before incorporating it in one of solutions a) or b), in a mixture of water and a water-miscible organic solvent, so that the concentration of the organic solvent in the end solution is less than 10% by weight.

7. (Withdrawn) The method according to claim 6, wherein the organic solvent comprises acetonitrile.
8. (Withdrawn) The method according to claim 1, wherein the hyaluronic acid salt comprises sodium salt.
9. (Withdrawn) The method according to claim 1, wherein the cationic polymer comprises chitosan.
10. (Withdrawn) The method according to claim 1, wherein the cationic polymer comprises collagen or gelatine.
11. (Withdrawn) The method according to claim 1, wherein the polyanionic salt comprises sodium tripoliphosphate.
12. (Withdrawn) The method according to claim 1, wherein the proportion of hyaluronic acid:cationic polymer:polyanionic salt is between 1:0.5:0.1 and 1:10:2.
13. (Withdrawn) The method according to claim 1, wherein the proportion of hyaluronic acid:cationic polymer: polyanionic salt is between 1:1:0.15 and 1:10:1.5.
14. (Withdrawn) The method according to claim 1, further comprising an additional step e), after step d), of lyophilizing the nanoparticles obtained in the presence of reduced quantities of sugars.
15. (Withdrawn) The method according to claim 14, further comprising an additional step f), after step e), of regenerating the lyophilizing nanoparticles.
16. (Previously presented) Nanoparticles for the administration of an active ingredient, which are obtained by the method of claim 1.
17. (Previously presented) Nanoparticles for the administration of an active ingredient, comprising a hyaluronic acid salt, a cationic polymer, a polyanionic salt and the active ingredient.
18. (Previously presented) Nanoparticles according to claim 17, wherein the active ingredient comprises a macromolecule.

19. (Previously presented) Nanoparticles according to claim 17, wherein the hyaluronic acid salt comprises sodium salt.
20. (Previously presented) Nanoparticles according to claim 17, wherein the cationic polymer comprises chitosan.
21. (Withdrawn) Nanoparticles according to claim 17, wherein the cationic polymer comprises collagen or gelatine.
22. (Previously presented) Nanoparticles according to claim 17, wherein the polyanionic salt comprises sodium triphosphate.
23. (Withdrawn) A pharmaceutical or cosmetic composition, comprising nanoparticles according to claim 16.
24. (Withdrawn) A pharmaceutical composition for topical or parenteral administration or administration to mucous membranes of an active ingredient to a subject in need thereof, said pharmaceutical composition comprising nanoparticles according to claim 17.
25. (Withdrawn) A pharmaceutical or cosmetic composition, comprising nanoparticles according to claim 17.
26. (Withdrawn) A method of making nanoparticles for administration of at least one active ingredient, with a diameter of less than 1 μm , comprising:
 - providing an aqueous solution of a hyaluronic acid salt;
 - adding a polyanionic salt to the solution of the hyaluronic acid salt;
 - mixing the solution of the hyaluronic acid salt to which said polyanionic salt has been added, with an aqueous solution of a cationic polymer, to yield said nanoparticles.
27. (Withdrawn) The method of claim 26, further comprising incorporating said active ingredient in said nanoparticles.
28. (Withdrawn) A method of treating a subject with an active ingredient, comprising administration to said subject of nanoparticles according to claim 17.